

**PATENT**

**Docket No. 2207/17039**  
**Assignee: Intel Corporation**

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD AND APPARATUS FOR ENABLING  
AN ADAPTIVE REPLAY LOOP IN A PROCESSOR**

the specification of which is attached hereto unless the following is entered:

was filed on	as United States Application Number or PCT International Application Number	And was amended on (if applicable)
<b>December 30, 2003</b>	<b>10/749,271</b>	

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56.

**PRIOR FOREIGN APPLICATION(S)**

I hereby claim foreign priority benefits under 35 USC §119(a-d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application(s) for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application Number	Country	Filing Date (day/month/year)	Priority Claimed

**PROVISIONAL APPLICATION(S)**

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below:

Application Number	Filing Date

**PRIOR UNITED STATES APPLICATION(S)**

I hereby claim the benefit under 35 USC §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application Number	Filing Date	Status (patented, pending, abandoned)

**PATENT****Docket No. 2207/17039**  
**Assignee: Intel Corporation****DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION****\*\*See Attachment A****POWER OF ATTORNEY**

I hereby appoint the following attorney(s) and the registered practitioners of Kenyon & Kenyon included in the Customer Number provided below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:  
Customer Number: 25693

Philip J. McCabe (Reg. No. 27,658); John C. Altmiller (Reg. No. 25,951); Shawn W. O'Dowd (Reg. No. 34,687); Stephen T. Neal (Reg. No. 47,815); Amy L. Hulina (Reg. No. 41,556); Ronald E. Prass, Jr. (Reg. No. 42,089); Sumit Bhattacharya (Reg. No. 51,469) of KENYON & KENYON with offices located at 333 W. San Carlos Street, Suite 600, San Jose, CA, 95110-2711, Telephone (408) 975-7500 and at 1500 "K" Street NW, Suite 700, Washington, DC, 20005-1257, telephone (202) 220-4200.

Alan K. Aldous (Reg. No. 31,905); Rob D. Anderson (Reg. No. 33,826); (Shireen I. Bacon (Reg. No. 40,494); Michael Barre (Reg. No. 44,023); Jay P. Beale (Reg. No. 50,901); R. Edward Brake (Reg. No. 37,784); Ben Burge (Reg. No. 42,372); Robert Chang (Reg. No. 48,765); George Chen (Reg. No. 50,807); Glen B. Choi (Reg. No. 43,546); Kenneth Cool (Reg. No. 40,570); Ted A. Crawford (Reg. No. 50,610); Robert Diehl (Reg. No. 40,992); Jeffrey S. Draeger (Reg. No. 41,000); Cynthia Thomas Faatz (Reg. No. 39,973); Christopher Gagne (Reg. No. 36,142); Sharmini N. Green (Reg. No. 41,410); Robert Greenberg (Reg. No. 44,133); Bradley Greenwald (Reg. No. 34,341); Libby Hope (Reg. No. 46,774); Jeffrey B. Huter (Reg. No. 41,086); Seth Z. Kalson (Reg. No. 40,670); Peter Lam (Reg. No. 44,855); Issac Lin (Reg. No. 50,672); Anthony Martinez (Reg. No. 44,223); Molly McCall (Reg. No. 46,126); Larry Mennemeier (Reg. No. 51,003); Paul Nagy (Reg. No. 37,896); Michael J. Nesheiwat (Reg. No. 47,819); Dennis A. Nicholls (Reg. No. 42,036); Lanny Parker (Reg. No. 44,281); Alan Pedersen-Giles (Reg. No. 39,996); Michael D. Plimier (Reg. No. 43,004); Michael Proksch (Reg. No. 43,021); Kevin A. Reif (Reg. No. 36,381); Crystal D. Sayles (Reg. No. 44,318); Russell Scott (Reg. No. 43,103); Kenneth M. Seddon (Reg. No. 43,105); Mark Seeley (Reg. No. 32,299); Ami P. Shah (Reg. No. 42,143); David Simon (Reg. No. 32,756); Steven P. Skabrat (Reg. No. 36,279); Paul E. Steiner (Reg. No. 41,326); Joni D. Stutman-Horn (Reg. No. 42,173); David Tran (Reg. No. 50,804); John F. Travis (Reg. No. 43,203); Robert Wawrzyn (Reg. No. 54,654); Calvin E. Wells (Reg. No. 43,256); Stuart Whittington (Reg. No. 45,215); Michael Willardson (Reg. No. 50,856); Robert G. Winkle (Reg. No. 37,474); Rita Wisor (Reg. No. 41,382); Sharon Wong (Reg. No. 37,760); and Steven D. Yates (Reg. No. 42,242); my patent attorneys, and my patent agents, of INTEL CORPORATION, with offices located at 2200 Mission College Blvd., Santa Clara, CA 95052, telephone (408) 765-8080; with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

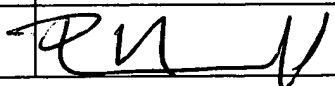
**Direct telephone calls to:**

Shawn W. O'Dowd  
(408) 975-7500

**Send correspondence to:**

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San Jose, CA 95110-2711

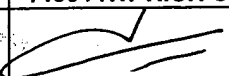
I hereby declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

<b>Full name of first or sole inventor</b>	<b>Last Name</b> <b>HAMMARLUND</b>	<b>First Name</b> <b>PER</b>	<b>Middle Name</b> <b>H.</b>
<b>Residence</b>	<b>City</b> <b>HILLSBORO</b>	<b>State or Country</b> <b>OREGON</b>	<b>Country of Citizenship</b> <b>SWEDEN</b>
<b>Post Office Address</b>	<b>Street</b> <b>2601 NE 2<sup>ND</sup> DRIVE</b>	<b>City</b> <b>HILLSBORO</b>	<b>State or Country &amp; Zip Code</b> <b>OR 97124</b>
<b>Signature</b>		<b>Date</b>	<b>2004-09-27</b>

**PATENT**

**Docket No. 2207/17039**  
**Assignee: Intel Corporation**

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

<b>Full name of second inventor</b>	Last Name <b>JOURDAN</b>	First Name <b>STEPHAN</b>	Middle Name <b>J.</b>
Residence	City <b>PORTLAND</b>	State or Country <b>OREGON</b>	Country of Citizenship <b>FRANCE</b>
Post Office Address	Street <b>14664 NW RICH COURT</b>	City <b>PORTLAND</b>	State or Country & Zip Code <b>OR 97229</b>
<b>Signature</b>		<b>Date</b>	<b>9/27/2004</b>

Title 37, Code of Federal Regulations, Section 1.56  
Duty to Disclose Information Material to Patentability

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

(1) Prior art cited in search reports of a foreign patent office in a counterpart application, and

(2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

(1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or

(2) It refutes, or is inconsistent with, a position the applicant takes in:

(I) Opposing an argument of unpatentability relied on by the Office, or

(ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

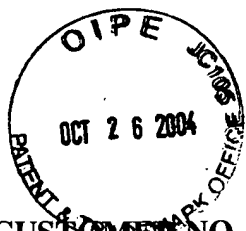
(1) Each inventor named in the application;

(2) Each attorney or agent who prepares or prosecutes the application; and

(3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

Attachment A



Docket No. 2207/17039  
Assignee: Intel Corporation

**KENYON & KENYON CUSTOMER NO. 25693**  
**INTEL CORPORATION CUSTOMER NO. 25694**

**LISTED ARE TEN (10) PATENT PRACTITIONERS IN THE ATTACHED  
DECLARATION AND POWER OF ATTORNEY TO BE RECOGNIZED BY THE  
OFFICE AS BEING OF RECORD IN THIS APPLICATION**

Kenyon & Kenyon:

John C. Altmiller	Registration No. 25,951
Philip J. McCabe	Registration No. 27,658
Shawn W. O'Dowd	Registration No. 34,687
Amy L. Hulina	Registration No. 41,556
Ronald E. Prass, Jr.	Registration No. 42,089
Carrie A. Beatus	Registration No. 47,092
Stephen T. Neal	Registration No. 47,815
Sumit Bhattacharya	Registration No. 51,469
Jeffrey R. Joseph	Registration No. 54,204

Intel Corporation:

Alan K. Aldous	Registration No. 31,905
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